

## EAST Search History

| Ref # | Hits   | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|--------|--|---|------------------|---------|------------------|
| S1    | 983    | 382/135-140.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/08/15 23:08 |
| S2    | 227949 | (paper\$2 or sheet\$2 or currenc\$4 or document\$2 or bill\$2 or money or note\$2) same (discriminat\$5 or distinguish\$3 or distinct\$4 or difference or compar\$4) and (paper\$2 or sheet\$2 or currenc\$4 or document\$2 or bill\$2 or money or note\$2) same (thick\$4 or densit\$4)   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/08/15 23:10 |
| S3    | 111594 | (paper\$2 or sheet\$2 or currenc\$4 or document\$2 or bill\$2 or money or note\$2) same (discriminat\$5 or distinguish\$3 or distinct\$4 or difference or compar\$4) and (paper\$2 or sheet\$2 or currenc\$4 or document\$2 or bill\$2 or money or note\$2) same (thick\$4 or densit\$4) and (paper\$2 or sheet\$2 or currenc\$4 or document\$2 or bill\$2 or money or note\$2) same (length\$3 or width\$2)                   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/08/15 20:35 |
| S4    | 13813  | (paper\$2 or sheet\$2 or currenc\$4 or document\$2 or bill\$2 or money or note\$2) same (discriminat\$5 or distinguish\$3 or distinct\$4 or difference or compar\$4) and (paper\$2 or sheet\$2 or currenc\$4 or document\$2 or bill\$2 or money or note\$2) same (thick\$4 or densit\$4) and (paper\$2 or sheet\$2 or currenc\$4 or document\$2 or bill\$2 or money or note\$2) same (length\$3 or width\$2) and wavelength\$2 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/08/15 21:00 |
| S5    | 75     | S1 and S4  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | OFF     | 2007/08/15 20:36 |

## EAST Search History

|    |    |   |                              |    |     |                  |
|----|----|---|------------------------------|----|-----|------------------|
| S6 | 97 | ("3245534"   "3246295"  <br>"3280974"   "3480785"   "3496370"<br>  "3509535"   "3612835"  <br>"3618765"   "3679314"   "3778628"<br>  "3842281"   "3870629"  <br>"3906449"   "3976198"   "4041456"<br>  "4081131"   "4096991"  <br>"4114804"   "4147430"   "4179685"<br>  "4250806"   "4255651"  <br>"4277774"   "4283708"   "4288781"<br>  "4302781"   "4311914"  <br>"4313598"   "4334619"   "4348656"<br>  "4349111"   "4355300"  <br>"4356473"   "4381447"   "4386432"<br>  "4442541"   "4461028"  <br>"4464786"   "4464787"   "4470496"<br>  "4480177"   "4482058"  <br>"4490846"   "4503963"   "4513439"<br>  "4539702"   "4542829"  <br>"4556140"   "4558224"   "4563771"<br>  "4567370"   "4587412"  <br>"4587434"   "4592090"   "4628194"<br>  "4645936"   "4653647"  <br>"4677682"   "4700368"   "4733308"<br>  "4749087"   "4817176"  <br>"4823393"   "4837426"   "4881268"<br>  "4906988"   "4908516"  <br>"4973851"   "4985614"   "4992860"<br>  "4996604"   "5047871"  <br>"5068519"   "5074415"   "5122754"<br>  "5163672"   "5167313"  <br>"5201395"   "5207788"   "5261518"<br>  "5295196"   "5304813"  <br>"5341408"   "5367577"   "5430664"<br>  "5465821"   "5467406"  <br>"5607040"   "5633949"   "D369984"<br>  "Re31692").PN. | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/15 20:48 |
| S7 | 15 | ("2951164"   "3289164"  <br>"3360653"   "3679314"   "3942154"<br>  "4041456"   "4086567"  <br>"4153896"   "4343991"   "4386432"<br>  "4435834"   "4542829").PN.   | US-PGPUB;<br>USPAT;<br>USOCR | OR | OFF | 2007/08/15 20:54 |

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|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S8  | 3615 | (paper\$2 or sheet\$2 or currenc\$4 or document\$2 or bill\$2 or money or note\$2) same (discriminat\$5 or distinguish\$3 or distinct\$4 or difference or compar\$4) and (paper\$2 or sheet\$2 or currenc\$4 or document\$2 or bill\$2 or money or note\$2) same (thick\$4 or densit\$4) and (paper\$2 or sheet\$2 or currenc\$4 or document\$2 or bill\$2 or money or note\$2) same (length\$3 or width\$2) and wavelength\$2 and amplitude\$2 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/15 21:01 |
| S9  | 47   | S1 and S8   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/15 21:01 |
| S10 | 1145 | 194/302,334-335.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/15 21:30 |
| S11 | 3615 | (paper\$2 or sheet\$2 or currenc\$4 or document\$2 or bill\$2 or money or note\$2) same (discriminat\$5 or distinguish\$3 or distinct\$4 or difference or compar\$4) and (paper\$2 or sheet\$2 or currenc\$4 or document\$2 or bill\$2 or money or note\$2) same (thick\$4 or densit\$4) and (paper\$2 or sheet\$2 or currenc\$4 or document\$2 or bill\$2 or money or note\$2) same (length\$3 or width\$2) and wavelength\$2 and amplitude\$2 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/15 21:30 |
| S12 | 1    | S10 and S11   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/15 21:31 |

## EAST Search History

|     |      |   |   |    |     |                  |
|-----|------|---|---|----|-----|------------------|
| S13 | 24   | ("20020015145"   "5467208"   "5499112"   "5574272"   "5586212"   "5756981"   "5786582"   "5797668"   "5905583"   "5917664"   "5923413"   "5944405"   "5992749"   "6061121"   "6130730"   "6152570"   "6186649"   "6204938"   "6211930"   "6347873"   "6356389"   "6386721"   "6481864"   "6570710").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/08/15 21:39 |
| S14 | 1175 | 356/71.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/08/15 21:40 |
| S15 | 18   | S11 and S14   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/08/15 21:40 |
| S16 | 1    | ("3679314").PN.   | US-PGPUB;<br>USPAT;<br>USOCR                                      | OR | OFF | 2007/08/15 21:41 |
| S17 | 249  | 340/5.86.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/15 21:56 |
| S18 | 3615 | (paper\$2 or sheet\$2 or currenc\$4 or document\$2 or bill\$2 or money or note\$2) same (discriminat\$5 or distinguish\$3 or distinct\$4 or difference or compar\$4) and (paper\$2 or sheet\$2 or currenc\$4 or document\$2 or bill\$2 or money or note\$2) same (thick\$4 or densit\$4) and (paper\$2 or sheet\$2 or currenc\$4 or document\$2 or bill\$2 or money or note\$2) same (length\$3 or width\$2) and wavelength\$2 and amplitude\$2 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/15 23:18 |
| S19 | 1    | S17 and S18   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/15 21:58 |
| S20 | 665  | 209/534.ccls.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/15 21:58 |

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|     |        |  |   |    |     |                  |
|-----|--------|--|---|----|-----|------------------|
| S21 | 3      | S18 and S20  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/15 21:59 |
| S22 | 3420   | 235/379.ccls.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/15 21:59 |
| S23 | 4      | S18 and S22  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/15 21:59 |
| S24 | 2315   | takashi near yoshida   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/15 23:08 |
| S25 | 832335 | (paper\$2 or sheet\$2 or currenc\$4<br>or document\$2 or bill\$2 or money<br>or note\$2) same (discriminat\$5 or<br>distinguish\$3 or distinct\$4 or<br>difference or compar\$4) and<br>(paper\$2 or sheet\$2 or currenc\$4<br>or document\$2 or bill\$2 or money<br>or note\$2) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/15 23:10 |
| S26 | 66     | S24 and S25  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/15 23:13 |
| S27 | 212    | kenji near okuna   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/15 23:13 |
| S28 | 35     | S25 and S27  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/15 23:18 |

## EAST Search History

|     |    |   |   |    |     |                  |
|-----|----|---|---|----|-----|------------------|
| S29 | 12 | ((paper\$2 or sheet\$2 or currenc\$4 or document\$2 or bill\$2 or money or note\$2) and (discriminat\$5 or distinguish\$3 or distinct\$4 or difference or compar\$4) and (thick\$4 or densit\$4) and (length\$3 or width\$2) and wavelength\$2 and amplitude\$2).clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/08/15 23:19 |
|-----|----|---|---|----|-----|------------------|